



## Nutrients Phase 2 Subgroup Discussion

### Potential options for enhanced nutrient control

*We encourage stakeholders to consider the pros and cons of each option, and to come up with other options.*

#### Regulatory options for progress in exchange for delaying application of Regulation 31.17 WQBELs

1. Exchange option 1: Reduce Reg 85 TIN effluent limit for existing facilities from 15 to 10 mg/L (or 12 or 13 mg/L), possibly starting in 2022 (to allow for planning).

Pros	Cons

2. Exchange option 2: Expand universe of facilities subject to Reg 85 effluent limits (WQCD in process of analyzing data to refine this approach).

Pros	Cons

3. Exchange option 3: For facilities brought in, consider allowing them to reduce their nutrient load by 30% in lieu of meeting Reg 85 effluent limits.

Pros	Cons

4. Exchange option 4: For facilities brought in, consider load cap option: Instead of having to meet the Reg 85 limits, apply a cap of 125% of the current load. Once the facility hits the cap, they have 5 years to implement treatment processes to prevent them from exceeding the load.

Pros	Cons

5. Exchange option 5: Additional levels to municipal screener for variances.

Pros	Cons

**Potential New Incentives for Voluntary Reductions - optional, regardless of whether we delay application of Regulation 31.17 WQBELS**

1. Incentive option 1: Optimization - If a facility develops an optimization plan that is approved by 2022, they can get a waiver from WQBELS for up to x years. (Utah allows up to 10 year waiver from TBELs). Would need to get reductions below required Reg 85 limits to be eligible for waiver; would need to be reviewed routinely and would need to consider time limit.

Pros	Cons

2. Incentive option 2: Source Reduction Plans - If a facility develops a source reduction plan that is approved by 2022, they can get a waiver from WQBELS for up to x years. Would need to get reductions below required Reg 85 limits to be eligible for waiver; would need to consider time limit.

Pros	Cons

3. Incentive option 3: If we incorporate facilities subject to control regulations (and have P controls), instead of a TBEL on total inorganic nitrogen, the facilities can show progress via trading. May also want to expand this to include all facilities to encourage trading.

Pros	Cons

4. Incentive option 4: Allow discharger-specific demonstrations of progress via optimization and selecting their own statistics for meeting limits (eg., max, average).

Pros	Cons